

ABSTRACT OF THE DISCLOSURE

The present invention is a flexible surface lighting system with replaceable LED module. In particular, the present invention is directed to a system with a set of soft flanges and a more rigid base with a channel for electrical leads and lighting. A preferred embodiment has a base extrusion of polyvinyl chloride (PVC) of 89-98 Duro on the Shore OO scale with a channel. The base is connected, on opposite sides of the channel, to a first flange extrusion and a second flange extrusion of PVC with a hardness of preferably of 90 Duro. Electrical leads are placed in the channel. A lens is inserted into the channel over the leads. A replaceable LED module having a circuit board secured to a module base is attached to the leads. The circuit board preferably has a gasket, an LED and two contact teeth that make electrical contact with the leads.